

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 02 Jan 2021 until 23:59 on Sunday 03 Jan 2021

Forecast Issued on Saturday 02 Jan 2021 at 03:45

Confidence: High confidence for cold and rather unsettled conditions, with some snow on hills and marginally and occasionally to some low levels. Low confidence in extent of wintry showers.

Headline for Saturday 02 Jan 2021: A cold and bright start, but turning increasingly cloudy with some sleet and snow showers across the summits. Feeling rather cold in the northerly breeze.

Mountain weather hazards on Saturday 02 Jan 2021

Blizzards

No Likelihood

Heavy Snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Clear night	Sunny intervals	Light snow	Light snow	Light snow	Cloudy
Precipitation probability					
<05%	10%	40%	40%	40%	20%

Forecast for Saturday 02 Jan 2021

Weather: Dry with some clear spells overnight, leading to a sharp frost. A cold and bright start, but turning increasingly cloudy, with wintry showers feeding in from off the North Sea. Some light sleet and snow falling across the summits. Feeling rather cold in the northerly breeze. Any wintry showers should tend to ease this evening.

Chance of cloud free mountain/hill tops above 600m: 90% cloud free tops early morning, reducing to 20% chance into the afternoon, with cloud bases occasionally lowering to 300m in sleet and snow.

Visibility: Generally very good views of distant hills.

Forecast for Saturday 02 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/10 W	5/11 N	9/14 N	12/18 N	14/20 N	16/23 N	15/24 N
300	2/8 NW	6/12 N	6/14 N	8/17 N	9/21 N	10/22 N	10/22 N
Valley	1/3 NW	2/7 NE	2/8 N	4/13 N	6/17 N	5/17 N	6/16 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-3/-6	-2/-7	-2/-8	-1/-7	-1/-7	-1/-7
300	-4/-6	-2/-6	0/-3	0/-4	0/-4	1/-4	1/-4
Valley	-4/-6	-3/-5	1/-1	1/-1	1/-2	1/-2	1/-2
Freezing Level*	00m	00m	100m	200m	300m	400m	400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

North or northeasterly winds will strengthen during the day increasing the significant wind chill. Notice the very low freezing level although rising later.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 02 Jan 2021	0.2mm	1.6mm	1.8mm

Forecast for Sunday 03 Jan 2021

Weather: A cloudy day but some brighter spells, there will be a few light wintry showers especially in the afternoon in the east.

Maximum wind: North or Northeast 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 70% Areas of cloud around 500m will cover the tops at times in the afternoon as snow or sleet showers move through.

Visibility: Mainly good but perhaps moderate or poor in wintry showers, visibility will be poor in any fog.

Temperature: **Valleys:** Zero rising to 3 Celsius.
At 600m: Minus 2 Celsius
Freezing level: Around 300m.